

# UIPATH COURSE CONTENT



## Ui Path – Installation

How to download the UI path

How to install UI path

## Introduction to RPA

About RPA

RPA Tools

RPA Tools Installation

Differences between Automation Tools

Hardware and Software Requirements

## Workflow Designer Panels

Ribbon

Universal Search Box

Activities Panel

Design Panel

Library Panel

Project Panel

Properties Panel

Outline Panel

Output Panel

Control Panel

## Types of Workflows

Sequences

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Flowcharts

State Machines

## **The Basics of Programming in UI Path , Variables , Data Types, Best Practices,Arguments**

### **Data Types**

String

Int 32

Boolean

Object

Array

List

### **Variables**

How to manage Variables

How to declare a variable in UiPath Studio

Create the variable in the Variables Panel

Variables Panel Work flow

Name

Variable type

Scope

Default

Arguments

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Types of Arguments

## Control Flow

Assign

Cancellation Scope

Delay

Do while

If

Parallel

Parallel for each

Pick

Pick Branch

Sequences

Switch

While

For each

Break

Retry Scope

Strings and String Methods Manipulation Real Time scenarios

Regular Expressions

File-System

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## Recording Modes

About Recording

Recording Types

Automatic Recording

Example of Automatic Recording with Basic and Desktop

Example of Automatic Recording with Web

Manual Recording

## Advanced UI Interaction

Mouse:

Double-Click

Click

Hover

Keyboard

Type Secure Text

Send Hotkey

Type Into

Control

Check

Select Item

Get Text

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Set Text

Activate

Highlight

## Find

Anchor Base

Find Relative Element

Indicate On Screen Element

Exists

Find Element

Wait Element Vanish

Find Children

Get Ancestor

Element Scope

## Attribute

Get Attribute

Set Clipping Region

Get Position

Take Screenshot

Wait Attribute

## Event

On Element Appear

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Robotic Process Automation

On Element Vanish Text

## Mouse

Double Click Text

Click Text Hover Text

Screen Scraping

Find Text Position

Get Full Text Get Visible

Text Extract Structured Data

Find

Text Exists

## OCR

Mouse Click OCR Text

Hover OCR Text Double

Click OCR Text

## Screen Scraping

Get OCR Text

Find OCR Text Position

## Find

OCR Text Exists

## Image

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Mouse Double Click Image

Click Image Hover Image

## Find

Find Image Matches

Image Exists

Find Image

Wait Image Vanish

## Event

On Image Appear

On Image Vanish

## File

Load Image

Save Image

## Browser

Attach Browser

Close Tab

Go Back

Go Forward

Go Home Inject JS Script

Navigate To

Open Browser

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Refresh Browser

Set Web Attribute

## Window

Attach Window

Close Window

Get Active Window

Hide Window

Maximize Window

Minimize Window

Move Window

Restore Window

Show Window

## User Events

Element Trigger

Click Trigger

Key Press

Trigger Image

Trigger Click

Image Trigger

System Trigger

Hotkey Trigger

Mouse Trigger



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Excel ,DataTables,Text Files,PDF and Database Automation

## Email Automation

SMTP

POP3

IMAP

## Debugging and Exceptions

How to insert Break Points:

How to Debug Workflows

How to validate the syntax errors

Step into

Step over

The Properties Inspector panel

Output panel

Slow Step

## Orchestrator

Provision Robot

Environment Setup

Process Setup

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Job Scheduling

Audit

Logging

Users Management

Review Process

Project Management

Source Code Management

Resume Preparation

Interview Preparation

Interview Questions discussion